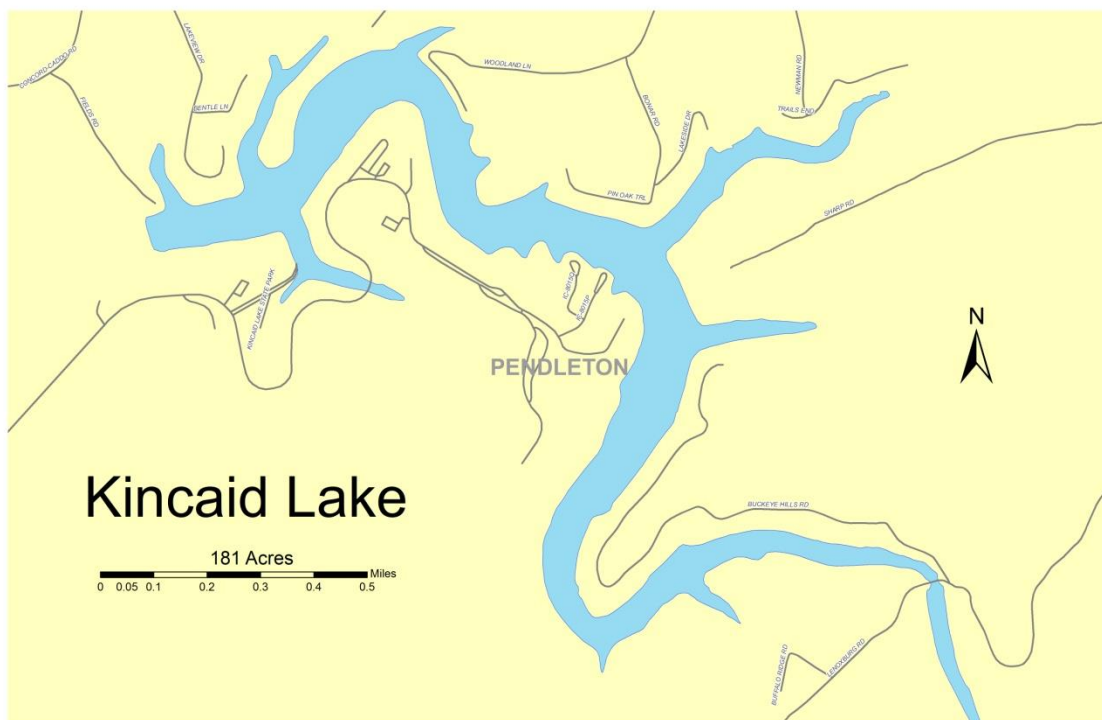


Kincaid Lake Bass Assessment 2018

Kincaid Lake is a 183-acre reservoir owned by the Kentucky Department of Fish and Wildlife Resources and was impounded in the early 1960's. The lake has a very popular bass fishery due to the quality fishery and its close proximity to Northern Kentucky. Past creel surveys have shown moderate to heavy fishing pressure for largemouth bass at Kincaid Lake. The following graphs show trends and rankings for each of the five population parameters used in the largemouth bass assessment.

Please see the [Sportfish Assessments](#) page for an explanation of how the assessment works and for a list of other lakes with largemouth bass assessments.

There was no spring sample collected in 2014, 2016 or 2018 at Kincaid Lake due the spring largemouth bass sampling rotation. Biologists last sampled and assessed the lake in 2017. Kincaid Lake assessments range over a period of eighteen years.



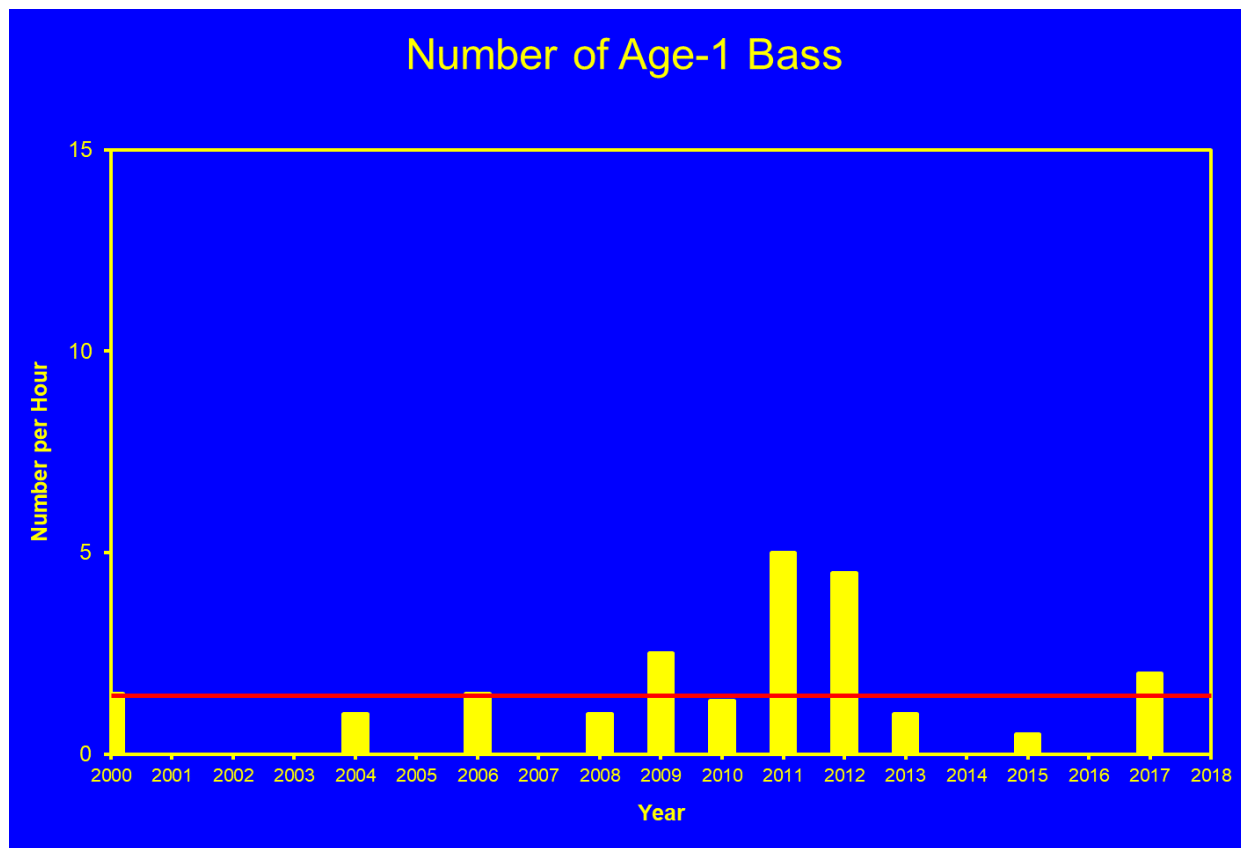
Parameter 1 – Length at age-3 (growth rate)

At Kincaid Lake, the length of an age-3 largemouth bass has averaged over 10.0 inches since impoundment and is represented by the red line. Compared to other reservoirs of a similar size, on average, largemouth bass generally exhibit fair growth at Kincaid Lake, even though the growth rate in any given year may range from poor to excellent. Growth rate can be variable and is generally related to factors such as population dynamics, food resources, and weather patterns. The last year that KDFWR aged largemouth bass at the lake was 2017. Growth during 2017 was ranked as being good. KDFWR biologists are planning to re-evaluate the growth rates of largemouth bass at Taylorsville Lake during the 2022 fall sampling.



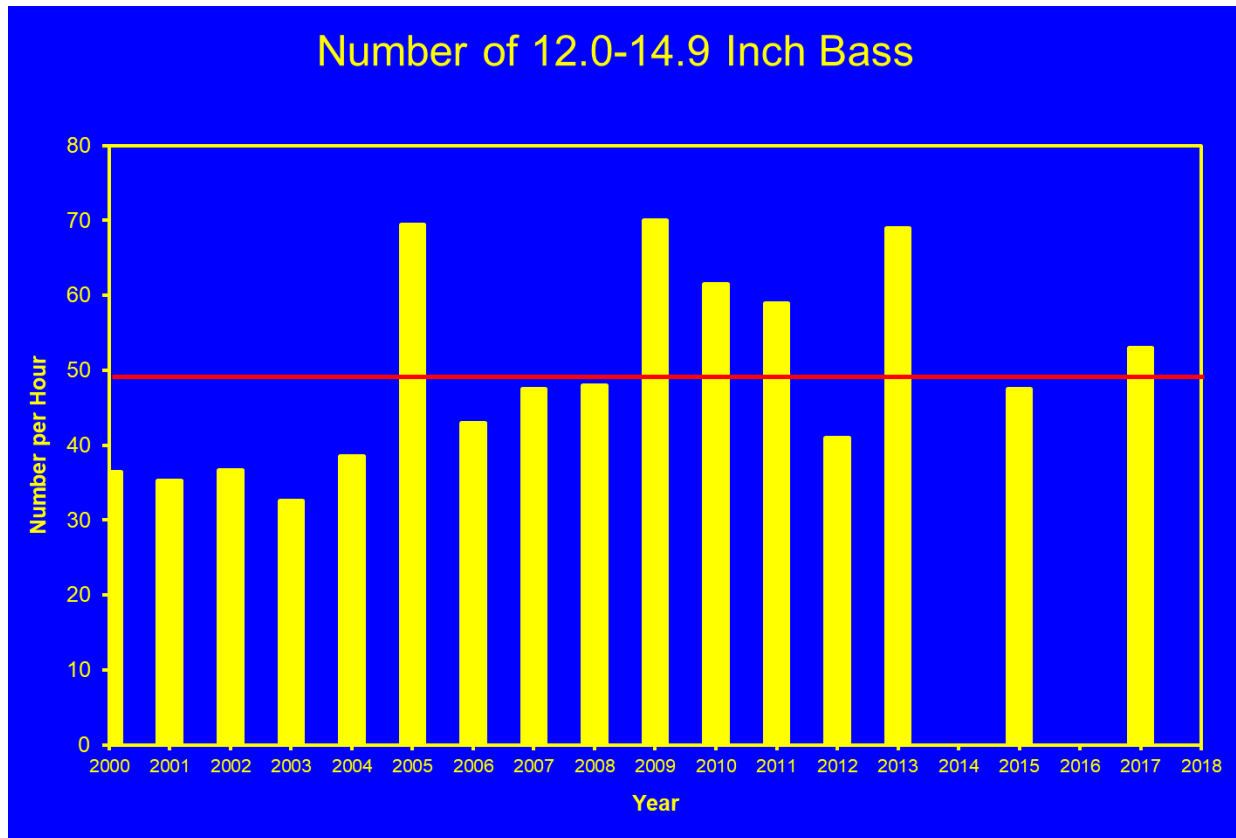
Parameter 2 – Numbers of age-1 bass (how good the spawn was)

KDFWR looks at the catch rates of age-1 largemouth bass to assess the success of the spawn which occurred in the prior year. This is an important parameter because the number of age-1 bass produced represents how good the fishing will be once these fish grow large enough for anglers to catch. At Kincaid, age-1 largemouth bass catch rates have averaged 1.4 bass/hr of electrofishing as indicated by the red line which ranks as being poor compared to other lakes of similar size. Poor recruitment has been a historic problem at Kincaid Lake, but this recruitment has maintained a high quality bass fishery for many years.



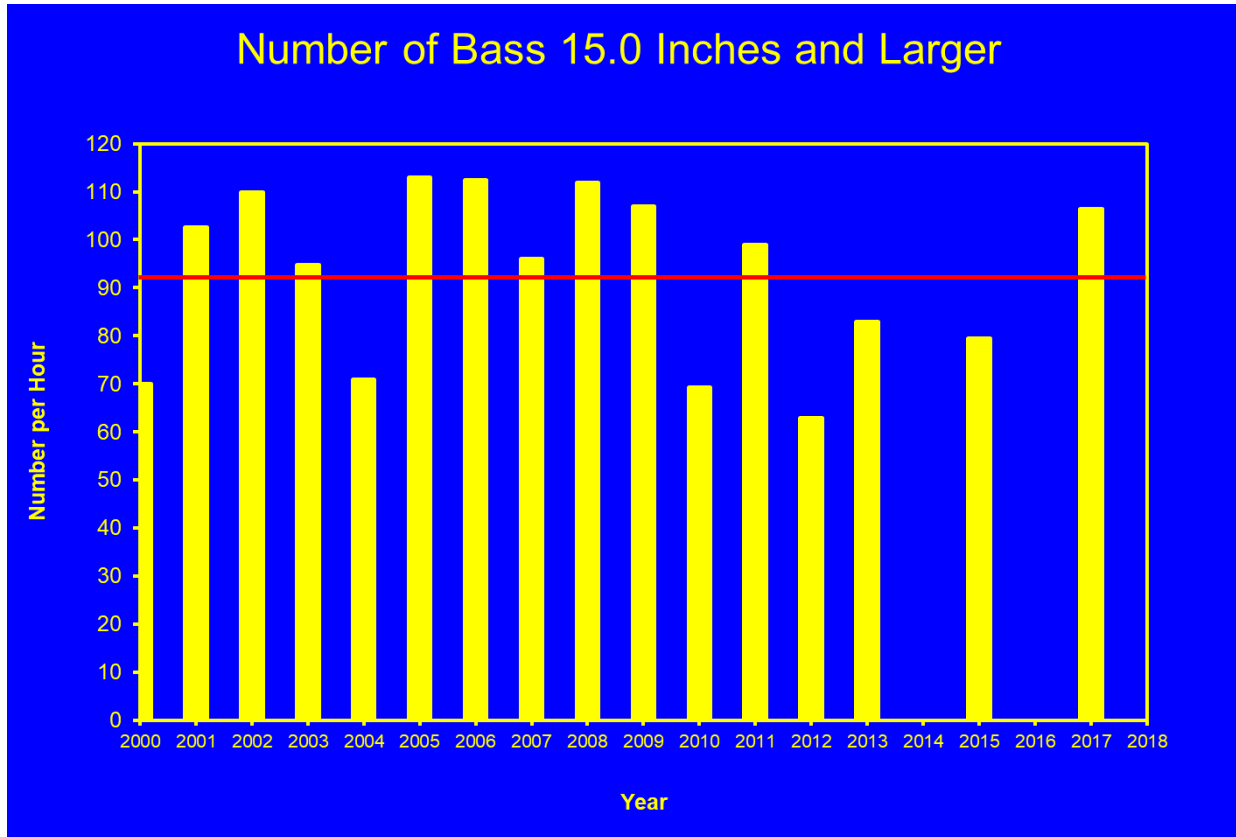
Parameter 3 – Numbers of 12.0-14.9 inch bass

The electrofishing catch of 12.0- to 14.9-inch largemouth bass has averaged almost 50.0 fish/hr over the years as indicated by the red line. As compared to other lakes, this is a very good, nearly excellent, catch rate for this size group of bass. Numbers of 12.0- to 14.9-inch largemouth bass have been stable over the past 10 years. Fishing at the lake is expected to be very good over the next several years based on numbers of fish in this size group.



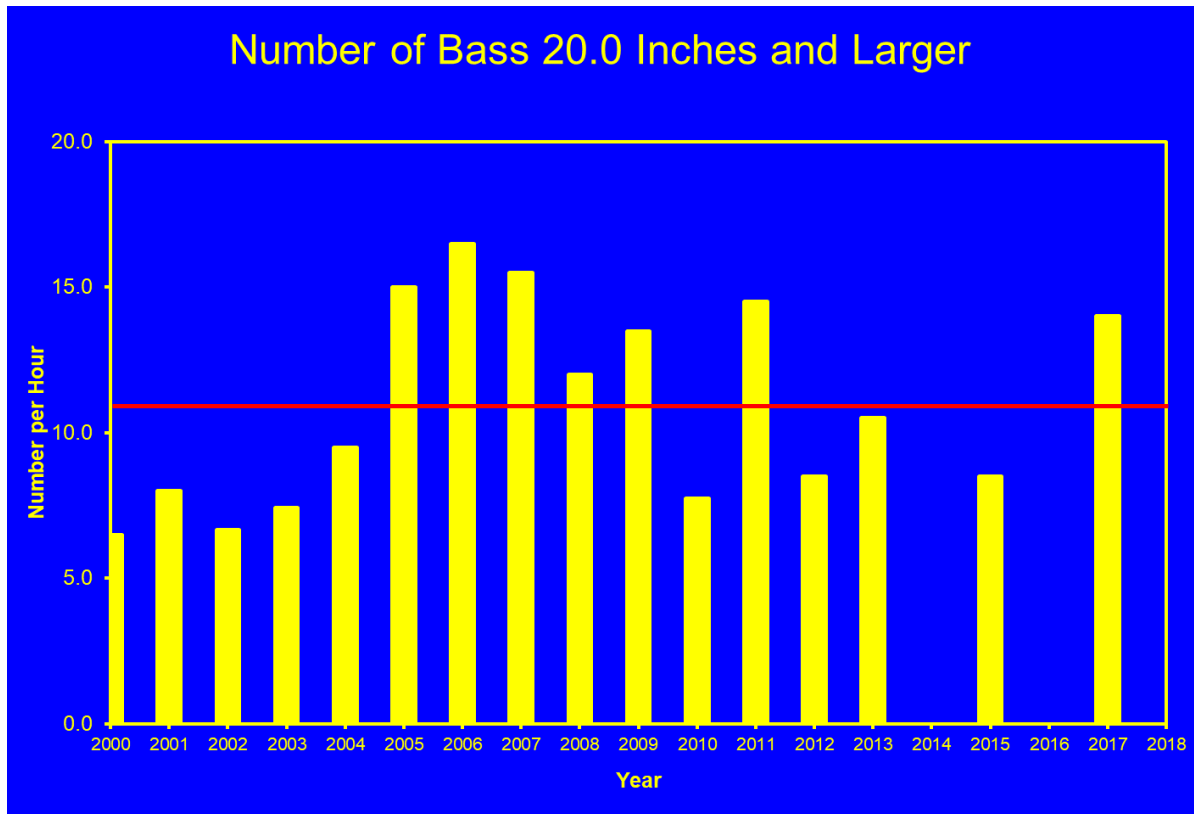
Parameter 4 – Numbers of 15.0 inch and larger bass

Electrofishing catch of 15.0 inch and larger largemouth bass has averaged over 90.0 fish/hr as indicated by the red line. Again, as compared to other lakes, this is an excellent catch rate for this size group. Overall, these numbers have been consistent since 2000, with some ups and downs due to annual variation in sampling conditions. In 2017, biologist observed a higher than average catch rate of largemouth bass in this size group. This should translate into good consistent largemouth bass fishing at Kincaid Lake over the next couple of years.



Parameter 5 – Numbers of 20.0 inch and larger bass

The electrofishing catch of 20.0 inch and larger largemouth bass has averaged almost 11.0 fish/hr at Kincaid Lake as indicated by the red line. As compared to other lakes, this is an excellent catch rate for this size group. In 2017, above average numbers of fish in this size group were observed.



Overall – Total Assessment Score (All five parameters added together)

Overall, the largemouth bass fishery at Kincaid Lake has rated “good” over the past 15 years as indicated by the red line. The largemouth bass population at Kincaid Lake has been very stable, ranging from good to excellent. In 2017, the overall assessment rating for the largemouth bass population at Kincaid Lake was excellent. Therefore, the next couple of years look very promising for the largemouth bass population.

